BIOCHEMICAL PHARMACOLOGY

AN INTERNATIONAL JOURNAL

(FOUNDED BY SIR RUDOLPH A. PETERS)

VOLUME 41, 1991

VOLUME CONTENTS AND AUTHOR INDEX

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Publishing and Advertising Offices: Headington Hill Hall, Oxford OX3 0BW (Oxford 794141), and 395 Saw Mill River Road, Elmsford, NY 10523. Published twice monthly. Annual Institutional subscription rate (1991) DM 3816.00. 2-year Institutional rate is available on request. Personal subscription rate for those whose library subscribes at the regular rate is available on request. Subscription rates for Japan include despatch by air and prices are available on application. Prices are subject to change without notice. Subscription enquiries from customers in North America should be sent to: Pergamon Press Inc., 395 Saw Mill River Road, Elmsford, NY 10523, U.S.A., and from the remainder of the world to: Pergamon Press plc, Headington Hill Hall, Oxford OX3 0BW, U.K.

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Research with intact animals, cells, subcellular components, enzymes and model systems is acceptable if it defines the mechanism of drug action. Studies concerned with antimicrobial and antiviral agents are welcomed, as well as descriptive mathematical models including those involving computer techniques. The use of drugs to elucidate physiological and behavioural mechanisms in the living organism is also acceptable.

In general, papers which record concentrations of drugs and metabolites in body fluids will not be accepted, unless they define biochemical and biophysical mechanisms. The Editors however reserve the right to publish any papers of major interest in the field. The journal publishes the following types of communication:

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(3) **Rapid Communications.** These promote rapid dissemination of timely and significant observations within the scope of the journal. Manuscripts must be submitted in English and will be judged as appropriate for publication as rapid communications on the basis of their immediate importance. They should be written to emphasize clearly the novel aspects of the research. These criteria will be applied strictly. In order to speed up the publication of rapid communications, authors are encouraged to use the special laysheets available from any of the Regional Editors.

(4) **Commentaries** are short commissioned review articles (3000–5000 words in length). They are designed to be editorial statements on selected topics, and should *not* be exhaustive reviews. Primarily, Commentaries are intended to stimulate thought. They can be controversial, and can either focus on areas subject to much activity, or draw attention to relatively neglected fields in which there are both the opportunity and the need for research in biochemical pharmacology. Particularly welcome will be Commentaries in which authors present their personal view on the state of the subject on which they are reporting, and give their view as to where in the near or distant future the subject may be moving. Authors are especially encouraged to take issue with popular dogmas. The Commentary series is edited by Professor C. Norman Gillis.

In order to increase the exchange of information and ideas, the Journal will also publish Comments on a Commentary, in which selected, highly qualified authorities are invited to offer their own observations on Commentary articles, which will be published in the same issue of the Journal, and thus provide some alternative thoughts on important areas of research. For further information see *Biochem Pharmacol* **31,** 2568 (1982).

While the final decision on selection of authors for either Commentaries or Comments on a Commentary will be made at the discretion of the editor, suggestions from readers will be welcome. These should be addressed to: Professor C. N. Gillis, Department of Pharmacology, Yale University School of Medicine, 333 Cedar Street, New Haven, Connecticut 06510.

(5) **Meeting Reports.** The journal is prepared to publish as preliminary communications short, factual two-page summaries of selected papers from small meetings or conferences. The meetings should be those where attendance is by invitation and all papers to be published will be refereed. Organizers who wish to have their meetings published in this way should contact the appropriate Regional Editor.

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It is understood that by publishing a paper in *Biochemical Pharmacology* the authors agree to make freely available to colleagues in academic research any of the cells, nucleic acids, antibodies, etc. that were used in the research reported and that are not available from commercial suppliers.

Notes for Contributors can be found in all issues and Abbreviations in issues 1 and 7

CONTENTS OF VOLUME 41

1 JANUARY 1991

Commentaries

DAVID MCKILLOP and DAVID E. CASE — 1 — Mutagenicity, carcinogenicity and toxicity of β-naphthoflavone, a potent inducer of P448

JAMES E. HUETTNER — 9 — Competitive antagonism of glycine at the *N*-methyl-D-aspartate (NMDA) receptor

Research Papers

SARITA AGARWAL, USHA R. GUPTA, CLIVE S. DANIEL, RAM C. GUPTA, NITYA ANAND and SHYAM S. AGARWAL — 17 — Susceptibility of glucose-6-phosphate dehydrogenase deficient red cells to primaquine, primaquine enantiomers, and its two putative metabolites. II. Effect on red blood cell membrane, lipid peroxidation, MC-540 staining, and scanning electron microscopic studies

VICTOR FERRARI and DAVID J. CUTLER — 23 — Kinetics and thermodynamics of chloroquine and hydroxychloroquine transport across the human erythrocyte membrane

JACQUELINE S. WINN, JENNIFER GUILLE, JANUSZ M. GEBICKI and RICHARD O. DAY — 31 — Hydrogen peroxide modulation of the respiratory burst of human neutrophils

YACOV ASHANI, SHLOMO SHAPIRA, DRORA LEVY, ALAN D. WOLFE, BEHUPENDRA P. DOCTOR and LILY RAVEH — 37 — Butyrylcholinesterase and acetylcholinesterase prophylaxis against soman poisoning in mice

LOES M. A. SASSEN, KAREL BEZSTAROSTI, PIETER D. VERDOUW and JOS M. J. LAMERS — 43 — Effects of nisoldipine on recovery of coronary blood flow, sarcoplasmic reticulum function and other biochemical parameters in post-ischaemic porcine myocardium

ASLE AARSLAND and ROLF K. BERGE — 53 — Peroxisome proliferating sulphur- and oxy-substituted fatty acid analogues are activated to acyl coenzyme A thioesters

KIM PING WONG, B. Y. KHOO and K. H. SIT — 63 — Biosynthesis of PAPS *in vitro* by human liver. Measurement by two independent assay procedures

KEISUKE EDASHIGE, TOSHIHIKO UTSUMI and KOZO UTSUMI — 71 — Inhibition of 12-*O*-tetradecanoyl phorbol-13-acetate promoted tumorigenesis by cepharanthine, a biscoclaurine alkaloid, in relation to the inhibitory effect on protein kinase C

J. FRANK NASH, RAMESH C. ARORA, MATTHEW A. SCHREIBER and HERBERT Y. MELTZER — 79 — Effect of 3,4-methylenedioxymethamphetamine on [^{3}H]paroxetine binding in the frontal cortex and blood platelets of rats

WILLIAM I. WAITHE, MARTIN MICHAUD, PATRICIA A. HARPER, ALLAN B. OKEY and ALAN ANDERSON 85 The *Ah* receptor, cytochrome P450IA1 mRNA induction, and aryl hydrocarbon hydroxylase in a human lymphoblastoid cell line

GEORGE W. LUBEGA and ROGER K. PRICHARD 93 Specific interaction of benzimidazole anthelmintics with tubulin from developing stages of thiabendazole-susceptible and -resistant *Haemonchus contortus*

MICHAEL J. TISDALE and SUSAN A. BECK 103 Inhibition of tumour-induced lipolysis *in vitro* and cachexia and tumour growth *in vivo* by eicosapentaenoic acid

PEEYUSH KHANNA, M. B. GUPTA, G. P. GUPTA, G. G. SANWAL and BASHEER ALI 109 Influence of chronic oral intake of cannabis extract on oxidative and hydrolytic metabolism of xenobiotics in rat

GALA RAMESH REDDY, NATSUO UEDA, TAKAHIKO HADA, ARTHUR COMMY SACKEYFIO, SHOZO YAMAMOTO, YOSHIO HANO, MIWA AIDA and TARO NOMURA 115 A prenylflavone, artonin E, as arachidonate 5-lipoxygenase inhibitor

ROBERT W. PEOPLES, JAISRI GIRIDHAR and GARY E. ISOM 119 γ-Aminobutyric acid enhancement of potassium-stimulated release of [^{3}H]norepinephrine by multiple mechanisms in rat cortical slices

JEFFREY D. LASKIN and EDMUND LEE 125 Psoralen binding and inhibition of epidermal growth factor binding by psoralen/ultraviolet light (PUVA) in human epithelial cells

HATSUMI AKI and MAGOBEI YAMAMOTO 133 Drug binding to human erythrocytes in the process of ionic drug-induced hemolysis. Flow microcalorimetric approaches

Short Communications

T. THOMSEN, B. ZENDEH, J. P. FISCHER and H. KEWITZ 139 *In vitro* effects of various cholinesterase inhibitors on acetyl- and butyrylcholinesterase of healthy volunteers

RONDA J. OTT, ANDREW C. HUI, FEE MI WONG, POE-HIRR HSYU and KATHLEEN M. GIACOMINI 142 Interactions of quinidine and quinine and (+)- and (−)-pindolol with the organic cation/proton antiporter in renal brush border membrane vesicles

MOSTAFA Z. BADR 146 Effects of the anti-AIDS drug dideoxyinosine on hepatic glycolysis in the perfused rat liver: role of intracellular calcium stores

SOMPON WANWIMOLRUK, DONALD J. BIRKETT and PETER M. BROOKS 148 Structure–activity relationships for protein binding of a series of basic non-steroidal anti-inflammatory drugs

PER WALDAY, PÅL AAS and FRODE FONNUM 151 Inhibition of serine esterases in different rat tissues following inhalation of soman

15 JANUARY 1991

Rapid Communication

STEWART A. METZ and MARJORIE DUNLOP R1 Inhibition of the metabolism of phosphatidylethanol and phosphatidic acid, and stimulation of insulin release, by propranolol in intact pancreatic islets

Commentaries

MOUSSA B. H. YOUDIM and JOHN P. M. FINBERG 155 New directions in monoamine oxidase A and B. Selective inhibitors and substrates

FELIX E. SCHWEIZER, THEO SCHÄFER and MAX M. BURGER 163 Intracellular mechanisms in exocytotic secretion

Research Papers

SOFIA AVISSAR, DENNIS L. MURPHY and GABRIEL SCHREIBER — 171 Magnesium reversal of lithium inhibition of β-adrenergic and muscarinic receptor coupling to G proteins

P. G. GERVASI, V. LONGO, F. NALDI, G. PANATTONI and F. URSINO — 177 Xenobiotic-metabolizing enzymes in human respiratory nasal mucosa

GEORGE B. FITZGERALD, CARLA BAUMAN, MD. SAJJAT HUSSOIN and MICHAEL M. WICK — 185 2,4-Dihydroxybenzylamine: a specific inhibitor of glutathione reductase

SHYAM S. CHAUHAN and UMA K. MISRA — 191 Elevation of rat pulmonary, hepatic and lung surfactant lipids by fly ash inhalation

MAKOTO NAOI, SYUN HOSODA, MIYUKI OTA, TSUTOMU TAKAHASHI and TOSHIHARU NAGATSU — 199 Inhibition of tryptophan hydroxylase by food-derived carcinogenic heterocyclic amines, 3-amino-1-methyl-5*H*-pyrido[4,3-*b*]indole and 3-amino-1,4-dimethyl-5*H*-pyrido[4,3-*b*]indole

AKIRA SHIRAHATA, TORU MOROHOHI, MASAYO FUKAI, SAKAE AKATSU and KEIJIRO SAMEJIMA — 205 Putrescine or spermidine binding site of aminopropyltransferases and competitive inhibitors

YOUNG-JOON SURH, AMY LIEM, ELIZABETH C. MILLER and JAMES A. MILLER — 213 Age- and sex-related differences in activation of the carcinogen 7-hydroxymethyl-12-methylbenz[*a*]anthracene to an electrophilic sulfuric acid ester metabolite in rats. Possible involvement of hydroxysteroid sulfotransferase activity

BARRY L. RHINEHART, MARY E. BEGOVIC and KEITH M. ROBINSON — 223 Quantitative relationship of lysosomal glycogen accumulation to lysosomal α-glucosidase inhibition in castanospermine-treated rats

DENNIS E. CHAPMAN, DAVID J. HOLBROOK, STEPHEN G. CHANEY, IRIS H. HALL and KUO-HSIUNG LEE — 229 *In vivo* and *in vitro* effects of helenalin on mouse hepatic microsomal cytochrome P450

U. TRISCHMANN, U. KLÖCKNER, G. ISENBERG, J. UTZ and V. ULLRICH — 237 Carbon monoxide inhibits depolarization-induced Ca rise and increases cyclic GMP in visceral smooth muscle cells

PIERRE BOUCHELOUCHE, ELLEN FRICHE, MAXWELL SEHESTED, PETER BUHL JENSEN and TORBEN SKOVSGAARD — 243 Cytosolic free Ca^{2+} in daunorubicin and vincristine resistant Ehrlich ascites tumor cells. Drug accumulation is independent of intracellular Ca^{2+} changes

BRUNO RICHARD, GÉRARD FABRE, GEORGES DE SOUSA, ISABELLE FABRE, ROGER RAHMANI and JEAN-PAUL CANO — 255 Interspecies variability in mitoxantrone metabolism using primary cultures of hepatocytes isolated from rat, rabbit and humans

WILLIAM B. MAHONY, BARBARA A. DOMIN and THOMAS P. ZIMMERMAN — 263 Ganciclovir permeation of the human erythrocyte membrane

JOEL LINDEN, M. RENEE PRATER, GAIL W. SULLIVAN, ROGER A. JOHNS and AMRAT PATEL — 273 Contamination of adenosine deaminase by superoxide dismutase. Stabilization of endothelium-derived relaxing factor

WEINING ZHEN, HIREMAGULAR N. JAYARAM and GEORGE WEBER — 281 Determination of thiazole-4-carboxamide adenine dinucleotide (TAD) levels in mononuclear cells of leukemic patients treated with tiazofurin

DENISE R. SHAW, DONALD R. KNIGHT, ALICE L. WATERMAN and JEAN-PIERRE SOMMADOSSI — 287 3′-Azido-3′-deoxythymidine inhibition of human lymphocyte cytolytic function *in vitro*

VICTORIA L. COHAN, DONALD W. MACGLASHAN, JR., JANE A. WARNER, LAWRENCE M. LICHTENSTEIN and DAVID PROUD — 293 Mechanisms of mediator release from human skin mast cells upon stimulation by the bradykinin analog, [DArg^0-Hyp^3-DPhe^7]bradykinin

Short Communications

YI GENG, ERIC GHEUENS and ERNST A. DE BRUIJN — 301 Activation and cytotoxicity of 5′-deoxy-5-fluorouridine in c-H-*ras* transformed NIH 3T3 cells

HERMINIA PASANTES-MORALES, JOSÉ DE JESÚS GARCÍA and ROBERTO SÁNCHEZ OLEA — 303 Hyposmolarity-sensitive release of taurine and free amino acids from human lymphocytes

GERALD M. RADFORD, MARIO ARIATTI and ARTHUR O. HAWTREY — 307 Cholesterylsuccinyl-*N*-hydroxysuccinimide as a cross-linking agent for the attachment of protein to liposomes

FRANÇOISE BIERI, VICTOR MEIER, WILLY STÄUBLI, SAMAR F. MUAKKASSAH-KELLY, FELIX WAECHTER, PETER SAGELSDORFF and PHILIP BENTLEY — 310 Studies on the mechanism of induction of microsomal cytochrome P452 and peroxisomal bifunctional enzyme mRNAs by nafenopin in primary cultures of adult rat hepatocytes

FRANÇOIS NOËL, MAURICE WIBO and THÉOPHILE GODFRAIND — 313 Distribution of $\alpha 1$ and $\alpha 2$ (Na^+, K^+)-ATPase isoforms between the junctional (t-tubular) and non-junctional sarcolemmal domains of rat ventricle

M. KASZKIN, G. FÜRSTENBERGER and V. KINZEL — 315 Interference of xanthate compounds with phorbol ester TPA-induced changes of phospholipid metabolism: inhibition of prostaglandin production

PAUL WORKMAN, JANE DONALDSON and MATTHIAS LOHMEYER — 319 Platelet-activating factor (PAF) antagonist WEB 2086 does not modulate the cytotoxicity of PAF or antitumour alkyl lysophospholipids ET-18-0-Methyl and SRI 62-834 in HL-60 promyelocytic leukaemia cells

Software Survey Section I

1 FEBRUARY 1991

Commentaries

MICHAEL P. GRANT and STORY C. LANDIS — 323 Unexpected plasticity at autonomic junctions. Environmental regulation of neurotransmitter phenotype and receptor expression

DANA T. GRAVES and ANTHONY J. VALENTE — 333 Monocyte chemotactic proteins from human tumor cells

Research Papers

PAUL A. HEPBURN and MICHAEL J. TISDALE — 339 Antitumour imidazotetrazines—XXIV. Growth suppression by DNA from cells treated with imidazotetrazinones

ANDERS TUNEK, ELISABETH HJERTBERG and JÖRGEN VIBY MOGENSEN — 345 Interactions of bambuterol with human serum cholinesterase of the genotypes E_uE_u (normal), E_aE_a (atypical) and E_uE_a

ELLEN C. SPOELSTRA, HENK DEKKER, GERRIT JAN SCHUURHUIS, HENRICUS J. BROXTERMAN and JAN LANKELMA — 349 P-glycoprotein drug efflux pump involved in the mechanisms of intrinsic drug resistance in various colon cancer cell lines. Evidence for a saturation of active daunorubicin transport

MAURICE-BERNARD FLEURY, MARTINE LARGERON and THIERRY MARTENS — 361 Toward an understanding of the schistosomicidal effect of 4-methyl-5-(2-pyrazinyl)-1,2-dithiole-3-thione (oltipraz)

PIETER J. BOOGAARD, ANJA SLIKKERVEER, J. FRED NAGELKERKE and GERARD J. MULDER — 369 The role of metallothionein in the reduction of cisplatin-induced nephrotoxicity by Bi^{3+}-pretreatment in the rat *in vivo* and *in vitro*. Are antioxidant properties of metallothionein more relevant than platinum binding?

ILONA FITOS, JULIA VISY and MIKLÓS SIMONYI — 377 Binding of vinca alkaloid analogues to human serum albumin and to α_1-acid glycoprotein

MARY WOODS and MILES D. HOUSLAY 385 Desensitization of atriopeptin stimulated accumulation and extrusion of cyclic GMP from a kidney epithelial cell line (MDCK)

TAMIE NAKAJIMA, RUI-SHENG WANG, EIVOR ELOVAARA, SANG S. PARK, HARRY V. GELBOIN, EINO HIETANEN and HARRI VAINIO 395 Monoclonal antibody-directed characterization of cytochrome P450 isozymes responsible for toluene metabolism in rat liver

L. BEST, R. TREBILCOCK and S. TOMLINSON 405 Acute stimulation of pancreatic islets by inhibitors of lactic acid transport

DAVID MCKILLOP and KATHRYN J. PICKUP 411 Different inhibition and induction profiles of hepatic drug metabolism in rats and dogs by two structurally related pyridyl diazinone cardiotonic agents

TSUTOMU HASHIZUME, HIROYOSHI YAMAGUCHI, TAKASHI SATO and TATSUZO FUJII 419 Suppressive effect of biscoclaurine alkaloids on agonist-induced activation of phospholipase A_2 in rabbit platelets

R. M. LINDSAY and J. D. BAIRD 425 The effect of diabetes on the *in vivo* acetylation capacity of the spontaneously diabetic, insulin-dependent BB/Edinburgh Wistar rat

MARY VORE, SHERRIE DURHAM, SIEGFRIED YEH and TANMOY GANGULY 431 Hepatic clearance and biliary secretory rate maximum of taurocholate in the recirculating and single pass isolated perfused rat liver. Effects of the cholestatic agent, estradiol-17β-(β-D-glucuronide)

THOMAS G. WOOD, MARIA ELENA MARONGIU and WILLIAM H. PRUSOFF 439 Effect of ultraviolet light on DNA structure in 5-iodo-2'-deoxyuridine-substituted HSV-1 DNA

YUJI ABE, KAZUO ICHIHARA and YASUSHI ABIKO 445 Effects of MCI-176, a new quinazolinone calcium antagonist, on myocardial energy and carbohydrate metabolism in ischemic dog hearts

YASUYUKI SUZUKI, NOBUYUKI SHIMOZAWA, SHIGEHIRO YAJIMA, SEIJI YAMAGUCHI, TADAO ORII and TAKASHI HASHIMOTO 453 Effects of sodium 2-[5-(4-chlorophenyl)pentyl]oxirane-2-carboxylate (POCA) on fatty acid oxidation in fibroblasts from patients with peroxisomal diseases

Short Communications

ROBERT F. STRUCK, JO ANN ALEXANDER, DOROTHY M. MCCAIN, Y. FULMER SHEALY and LUCY M. ROSE 457 Identification of 7-(2-hydroxyethyl)guanine as a product of alkylation of calf thymus DNA with Clomesone

H. A. VAN LITH, G. W. MEIJER, M. HALLER and A. C. BEYNEN 460 Serum pseudocholinesterase activity in rabbits fed simvastatin

ZELIHA KOCER, HANNU RAUNIO, MARKKU PASANEN, PENTTI ARVELA, TERO RAISKILA, PAAVO HONKAKOSKI, MATTI A. LANG, MASAHIKO NEGISHI and OLAVI PELKONEN 462 Comparison between cobalt and pyrazole in the increased expression of coumarin 7-hydroxylase in mouse liver

JOHN S. PUNZI, SRABANI BANERJEE and LEO G. ABOOD 465 Structure–activity relationships for various *N*-alkylcarbamyl esters of choline with selective nicotinic cholinergic properties

L. RAIMONDI, R. PIRISINO, G. IGNESTI, S. CAPECCHI, G. BANCHELLI and F. BUFFONI 467 Semicarbazide-sensitive amine oxidase activity (SSAO) of rat epididymal white adipose tissue

NDUNA DZIMIRI and ABDULRAHMAN A. ALMOTREFI 470 Amiodarone: biochemical evidence for its interaction with myocardial Na^+-K^+-ATPase in guinea pig microsomal preparations

EINOSUKE TANAKA, YOSHIHIKO FUNAE, SUSUMU IMAOKA and SHOGO MISAWA 472 Characterization of liver microsomal cytochrome P450 from rats treated with muscone (3-methylcyclopentadecanone)

Susan M. Pond, Paul R. Pentel, Daniel E. Keyler and Donald J. Winzor — 473 Determination of the *in vivo* antigen–antibody affinity constant from the redistribution of desipramine in rats following administration of a desipramine-specific monoclonal antibody

Swaraj Kaur, Peeyush Khanna, S. S. Parmar and Basheer Ali — 476 Selective stimulation of carboxylesterases metabolizing charged steroid esters by hydrocortisone

15 FEBRUARY 1991

Rapid Communication

Noriko Tsuzuki, Teruo Hama, Toru Hibi, Ryoji Konishi, Shiroh Futaki and Kouki Kitagawa — R5 Adamantane as a brain-directed drug carrier for poorly absorbed drug: antinociceptive effects of [D-Ala^2]Leu-enkephalin derivatives conjugated with the 1-adamantane moiety

Commentaries

Joseph P. Bressler and Gary W. Goldstein — 479 Mechanisms of lead neurotoxicity

Louis J. Ignarro — 485 Signal transduction mechanisms involving nitric oxide

Research Papers

Adriana C. Caballero de Castro, Enrique A. Rosenbaum and Ana M. Pechen de D'Angelo — 491 Effect of malathion on *Bufo arenarum* Hensel development—I. Esterase inhibition and recovery

Roberto Gambari, Rafaella Barbieri, Claudio Nastruzzi, Valeria Chiorboli, Giordana Feriotto, Pier Giorgio Natali, Patrizio Giacomini and Federico Arcamone — 497 Distamycin inhibits the binding of a nuclear factor to the -278/-256 upstream sequence of the human HLA-DRα gene

Carmen Mercado, Félix Molina, Juan Navas, Carmen Quiñones and E. H. Eylar — 503 Inhibition of T cell mitogenesis by nitrofurans

Haifa Hallaq, Michael Heller, Rivka Panet and Yael Eilam — 509 Binding properties and biological effects of oxidized-ouabain on cultured neonatal-rat cardiac myocytes. Implications on the mechanism of action of the digitalis-glycosides

Michael R. Boarder and Deborah B. Marriott — 521 Endothelin-1 stimulation of noradrenaline and adrenaline release from adrenal chromaffin cells

Faith M. Williams, Elaine Mutch and Peter G. Blain — 527 Esterase activity in rat hepatocytes

R. J. Hodgkiss, A. C. Begg, R. W. Middleton, J. Parrick, M. R. L. Stratford, P. Wardman and G. D. Wilson — 533 Fluorescent markers for hypoxic cells. A study of novel heterocyclic compounds that undergo bio-reductive binding

Erland J. F. Demant — 543 Inactivation of cytochrome *c* oxidase activity in mitochondrial membranes during redox cycling of doxorubicin

P. M. Dansette, C. Amar, P. Valadon, C. Pons, P. H. Beaune and D. Mansuy — 553 Hydroxylation and formation of electrophilic metabolites of tienilic acid and its isomer by human liver microsomes. Catalysis by a cytochrome P450 IIC different from that responsible for mephenytoin hydroxylation

Petronella C. Raemakers-Franken, Ronney A. De Abreu, Johannes G. Willems, Chris van der Drift and Godfried D. Vogels — 561 *In vitro* inhibition of cell growth of MOLT-4 malignant human T-lymphoblasts by coenzyme F_{420}

J. Steven Leeder, Hans-Michael Dosch and Stephen P. Spielberg 567 Cellular toxicity of sulfamethoxazole reactive metabolites—I. Inhibition of intracellular esterase activity prior to cell death

J. Steven Leeder, Azima Nakhooda, Stephen P. Spielberg and Hans-Michael Dosch 575 Cellular toxicity of sulfamethoxazole reactive metabolites—II. Inhibition of natural killer activity in human peripheral blood mononuclear cells

Kerry L. Kole, Margaret R. Gyetko, Robert U. Simpson and Robert G. Sitrin 585 Calcitriol-mediated modulation of urokinase-type plasminogen activator and plasminogen activator inhibitor-2

Srisala Navaratnam and Jagdish C. Khatter 593 Increased [^{3}H]nitrendipine binding sites in rat heart during adult maturation and aging

Jeffrey Bingham Smith, Rong-Ming Lyu and Lucinda Smith 601 Inhibition of sodium-calcium and sodium-proton exchangers by amiloride congeners in arterial muscle cells

Shinichi Sakamoto and Hitoshi Shichi 611 Induction of alkoxyresorufin *O*-dealkylases and UDP-glucuronosyl transferase by phenobarbital and 3-methylcholanthrene in primary cultures of porcine ciliary epithelial cells

Hiroko Kozuka, Junji Yamada, Shuichi Horie, Takafumi Watanabe, Tetsuya Suga and Toshihiko Ikeda 617 Characteristics of induction of peroxisomal fatty acid oxidation-related enzymes in rat liver by drugs. Relationships between structure and inducing activity

Patricia A. Johansen, William A. Wolf and Donald M. Kuhn 625 Inhibition of tryptophan hydroxylase by benserazide and other catechols

Short Communications

Pier Andrea Borea, Leda Montesi, Anna Muzzolini and Roberto Fantozzi 629 Temperature dependence of [^{3}H]PAF binding to washed human platelets

Gerald Batist, Robyn Schecter, Annie Woo, Dierdre Greene and Shirley Lehnert 631 Glutathione depletion in human and in rat multi-drug resistant breast cancer cell lines

B. Ketterer, D. J. Meyer, E. Lalor, P. Johnson, F. P. Guengerich, L. M. Distlerath, P. E. B. Reilly, F. F. Kadlubar, T. J. Flammang, Y. Yamazoe and P. H. Beaune 635 A comparison of levels of glutathione transferases, cytochromes P450 and acetyltransferases in human livers

Gilles Labbe, Bernard Fromenty, Eric Freneaux, Veronique Morzelle, Philippe Letteron, Alain Berson and Dominique Pessayre 638 Effects of various tetracycline derivatives on *in vitro* and *in vivo* β-oxidation of fatty acids, egress of triglycerides from the liver, accumulation of hepatic triglycerides, and mortality in mice

Prem Mohan, Rajendra Singh and Masanori Baba 642 Anti-HIV-1 and HIV-2 activity of naphthalenedisulfonic acid derivatives. Inhibition of cytopathogenesis, giant cell formation, and reverse transcriptase activity

R. A. Britten, J. A. Green, C. Broughton, P. G. W. Browning, R. White and H. M. Warenius 647 The relationship between nuclear glutathione levels and resistance to melphalan in human ovarian tumour cells

Michel Johnson, Lloyd G. Bush, James W. Gibb and Glen R. Hanson 649 Role of *N*-methyl-D-aspartate (NMDA) receptors in the response of extrapyramidal neurotensin and dynorphin A systems to cocaine and GBR 12909

Randall L. Shoemaker and Russell K. Yamazaki 652 Thyroid hormone-independent regulation of mitochondrial glycerol-3-phosphate dehydrogenase by the peroxisome proliferator clofibric acid

Software Survey Section

1

1 MARCH 1991

Commentary

CHRISTOPHER J. MEADE, HUBERT HEUER and RUDOLF KEMPE — 657 Biochemical pharmacology of platelet-activating factor (and PAF antagonists) in relation to clinical and experimental thrombocytopenia

Research Papers

P. THIYAGARAJAH, S. C. KUTTAN, S. C. LIM, T. S. TEO and N. P. DAS — 669 Effect of myricetin and other flavonoids on the liver plasma membrane Ca^{2+} pump. Kinetics and structure–function relationships

W. MARSHALL ANDERSON, B. BEATRICE CHAMBERS, JUDITH M. WOOD and LISA BENNINGER — 677 Inhibitory effects of two structurally related carbocyanine laser dyes on the activity of bovine heart mitochondrial and *Paracoccus denitrificans* NADH-ubiquinone reductase. Evidence for a rotenone-type mechanism

M. M. CHAUDOREILLE, V. PEYROT, D. BRAGUER, F. CODACCIONI and A. CREVAT — 685 Qualitative study of the interaction mechanism of estrogenic drugs with tubulin

BENGT EK and LENA HUMBLE — 695 Correlation between oxidation of low density lipoproteins and prostacyclin synthesis in cultured smooth muscle cells

F. YABLONSKY and J. P. DAUSSE — 701 Non-adrenergic binding sites for the "α_2-antagonist" [^{3}H]idazoxan in the rabbit urethral smooth muscle. Pharmacological and biochemical characterization

AFONSO C. FERNANDES, PAULO M. FILIPE, HELENA COELHO and CARLOS F. MANSO — 709 The inhibition of lipid peroxidation by cinnarizine. Possible implications to its therapeutic and side-effects

STEPHEN J. BUNN and PETER R. DUNKLEY — 715 Opioid inhibition of nicotine-induced $^{45}Ca^{2+}$-uptake into cultured bovine adrenal medullary cells

D. B. SHENNAN and T. V. N. RUSSELL — 723 Salicylate inhibits human placental sulphate transport *in vitro*

PETER V. TABERNER and DAVID M. CONNELLY — 729 Reduced insulin binding to liver plasma membranes in inherently obese diabetic CBA/Ca mice

MARIA I. FONSECA, GEORGE G. LUNT and JOSE SANTIAGO AGUILAR — 735 Inhibition of muscarinic cholinergic receptors by disulfide reducing agents and arsenicals. Differential effect on locust and rat

JAWAHAR L. MEHTA, DANIEL L. LAWSON and WILMER W. NICHOLS — 743 Recovery of vascular smooth muscle relaxation from nitroglycerin-induced tolerance following a drug-free interval. A time–course *in vitro* study

DANA D. JAMIESON — 749 Lipid peroxidation in brain and lungs from mice exposed to hyperoxia

GERD MIKUS, ANDREW A. SOMOGYI, FELIX BOCHNER and MICHEL EICHELBAUM — 757 Codeine O-demethylation: rat strain differences and the effects of inhibitors

ISAO MATSUI-YUASA, DAISUKE TSURUTA, MIKA UEMOTO, TADAYOSHI HASUMA, SEIJI MORISAWA and SHUZO OTANI — 763 Control by treatment with lithium chloride of ornithine decarboxylase in Ehrlich ascites tumor cells

EDWIN CHINJE and G. GORDON GIBSON — 769 Stereochemical selectivity in the induction of cytochrome P450IVA1 (P452)-dependent fatty acid hydroxylation and peroxisome proliferation

MARK E. BLAZKA and ZAHIR A. SHAIKH — 775 Sex differences in hepatic and renal cadmium accumulation and metallothionein induction. Role of estradiol

ROBERT L. HAGAN, DAVID S. DUCH, GARY K. SMITH, MARY H. HANLON, BARRY SHANE, JAMES H. FREISHEIM and JOHN B. HYNES — 781 Studies on the mechanism of antitumor action of 2-desamino-2-methyl-5,8-dideazaisofolic acid

CHAOMEI LIN, GAUTAM SARATH, JULIE A. FRANK and RICK J. KRUEGER 789 Bivalent ACTH antagonists: influence of peptide and spacer components on potency enhancement

CATHERINE A. O'BRIAN, DOMINIC FAN, NANCY E. WARD, ZHONGYUN DONG, LARA IWAMOTO, KRISHNA P. GUPTA, LAURA E. EARNEST and ISAIAH J. FIDLER 797 Transient enhancement of multidrug resistance by the bile acid deoxycholate in murine fibrosarcoma cells *in vitro*

WALTER S. ZAWALICH 807 Glyburide priming of beta cells. Possible involvement of phosphoinositide hydrolysis

MAHMOUD H. EL KOUNI 815 Efficacy of combination therapy with tubercidin and nitrobenzylthioinosine 5'-monophosphate against chronic and advanced stages of schistosomiasis

JEAN BARABÉ and DENISE HUBERDEAU 821 A micromethod for the determination of the activities of kininases in rat plasma. Kinetics and inhibitory characteristics

Short Communications

LEONARD A. ZWELLING, DIANA CHAN, ELIZABETH ALTSCHULER, JANICE MAYES, MICHAEL HINDS and GEORGE R. PETTIT 829 Effect of bryostatin 1 on drug-induced, topoisomerase II-mediated DNA cleavage and topoisomerase II gene expression in human leukemia cells

MANUEL GUZMÁN, ANA SABORIDO, JOSÉ CASTRO, FULGENCIO MOLANO and ALICIA MEGIAS 833 Treatment with anabolic steroids increases the activity of the mitochondrial outer carnitine palmitoyltransferase in rat liver and fast-twitch muscle

BELÉN RODRÍGUEZ-LIÑARES, TREVOR WALKER and STEVE WATSON 835 The diacylglycerol kinase inhibitor, R59949, potentiates secretion but not increased phosphorylation of a 47 kDalton protein in human platelets

JOHN O. MINERS and KAREN J. LILLYWHITE 838 Assessment of the drug inhibitor specificity of the human liver 4-methylumbelliferone UDP-glucuronosyltransferase activity

PAUL L. BARCLAY, JOHN A. BENNETT, GILLIAN M. R. SAMUELS and NICHOLAS B. SHEPPERSON 841 The atriopeptidase inhibitor (±)candoxatrilat reduces the clearance of atrial natriuretic factor in both intact and nephrectomized rats: evidence for an extra-renal site of action

EIJI OHMORI, NORIAKI IMANISHI, MAKOTO OHGOH, TETSUYA FUKUI and ATSUSHI ICHIKAWA 844 Fluctuation of fetal rat hepatic histidine decarboxylase activity through the glucocorticoid-ACTH system

Additions and Corrections 849 Probing the role of proline as a recognition element in peptide antigens. Vol. 40 (1990) 119–123. *Nigel G. J. Richards, Mark G. Hinds, David M. Brennand, Martin J. Glennie, John M. Welsh and John A. Robinson*

Announcement 851

15 MARCH/1 APRIL 1991

Rapid Communication

JEREMY P. PRESLAND and PHILIP G. STRANGE R9 pH dependence of sulpiride binding to D_2 dopamine receptors in bovine brain

Commentary

LAURENT J. EMORINE, BRUNO FEVE, JACQUES PAIRAULT, MARIE-MADELEINE BRIEND-SUTREN, STEFANO MARULLO, COLETTE DELAVIER-KLUTCHKO and DONNY A. STROSBERG 853 Structural basis for functional diversity of β_1-, β_2- and β_3-adrenergic receptors

Research Papers

YASUHIRO MASUBUCHI, SHOICHI FUJITA, MASATO CHIBA, NORIKO KAGIMOTO, SHIN UMEDA and TOKUJI SUZUKI — 861 Impairment of debrisoquine 4-hydroxylase and related monooxygenase activities in the rat following treatment with propranolol

MARION P. BOLAND, RICHARD J. KNOX and JOHN J. ROBERTS — 867 The differences in kinetics of rat and human DT diaphorase result in a differential sensitivity of derived cell lines to CB 1954 (5-(aziridin-1-yl)-2,4-dinitrobenzamide)

DANIEL M. LAPADULA, CLIFFORD HABIG, RAM P. GUPTA and MOHAMED B. ABOU-DONIA — 877 Induction of cytochrome P450 isozymes by simultaneous inhalation exposure of hens to *n*-hexane and methyl *iso*-butyl ketone (M*i*BK)

JOSEPH A. DUNN and THOMAS J. BARDOS — 885 Comparative chemical and biological studies of four prototype phosphoraziridine antineoplastic agents

FERRUCCIO GALLETTI, ALETA RUTLEDGE and DAVID J. TRIGGLE — 893 Dietary sodium intake: influence on calcium channels and urinary calcium excretion in spontaneously hypertensive rats

ANTHONY K. HO, INDRANIE YOUNG and CONSTANCE L. CHIK — 897 Evidence for a role of calmodulin in regulation of pinealocyte cyclic nucleotides

KOJI YAMAMOTO and SHOSUKE KAWANISHI — 905 Free radical production and site-specific DNA damage induced by hydralazine in the presence of metal ions or peroxidase/hydrogen peroxide

LARRY E. RODMAN, STEVEN I. SHEDLOFSKY, ALBRECHT MANNSCHRECK, MICHAEL PÜTTMANN, ALICE T. SWIM and LARRY W. ROBERTSON — 915 Differential potency of atropisomers of polychlorinated biphenyls on cytochrome P450 induction and uroporphyrin accumulation in the chick embryo hepatocyte culture

C. MIERHA YANG and GARY P. CARLSON — 923 Effects of ethanol on glutathione conjugation in rat liver and lung

A. B. RODRIGUEZ, C. BARRIGA and M. DE LA FUENTE — 931 Mechanisms of action involved in the chemoattractant activity of three β-lactamic antibiotics upon human neutrophils

ÁGNES GYURASICS, FERENC VARGA and ZOLTÁN GREGUS — 937 Effect of arsenicals on biliary excretion of endogenous glutathione and xenobiotics with glutathione-dependent hepatobiliary transport

ERLEND HVATTUM, STEINAR BERGSETH, CATHARINA N. PEDERSEN, JON BREMER, ASLE AARSLAND and ROLF K. BERGE — 945 Microsomal oxidation of dodecylthioacetic acid (a 3-thia fatty acid) in rat liver

HERBERT C. J. V. DE BISSCHOP, KRIS W. MICHIELS, LIEVEN B. C. VLAMINCK, STEFAN O. VANSTEENKISTE and ETIENNE H. SCHACHT — 955 Phosphonylation of purified human, canine and porcine cholinesterase by soman. Stereoselective aspects

KLAUS MOHR and MARTIN STRUVE — 961 Differential influence of anionic and cationic charge on the ability of amphiphilic drugs to interact with DPPC-liposomes

TALMAGE R. BOSIN and SONIA L. SCHALTENBRAND — 967 Stimulation of platelet serotonin transport by substituted 1,4-naphthoquinone-induced oxidant stress

EMILY SHACTER, ROSA L. LOPEZ and SANGEETA PATI — 975 Inhibition of the myeloperoxidase–H_2O_2–Cl^- system of neutrophils by indomethacin and other non-steroidal anti-inflammatory drugs

NIHAL S. AGAR, JOHN R. MAHONEY JR and JOHN W. EATON — 985 Hemolytic and microbicidal actions of diethyldithiocarbamic acid

LAURENCE R. MEYERSON and DOUGLAS NESTA — 995 [^{3}H]Acetazolamide binding to carbonic anhydrase in normal and transformed cells

Hiroshi Tamai, James F. Kachur, Matthew B. Grisham and Timothy S. Gaginella	1001	Scavenging effect of 5-aminosalicylic acid on neutrophil-derived oxidants. Possible contribution to the mechanism of action in inflammatory bowel disease
Karl Y. Hostetler, Jerry Vande Berg, Kathy A. Aldern and Gregory T. Brophy	1007	Effect of amiodarone on the phospholipid and lamellar body content of lymphoblasts *in vitro* and peripheral blood lymphocytes *in vivo*
Stephan Krahenbuhl and Eric P. Brass	1015	Inhibition of hepatic propionyl-CoA synthetase activity by organic acids. Reversal of propionate inhibition of pyruvate metabolism
Teruaki Akao, Taiko Akao, Masao Hattori, Matao Kanaoka, Keiichi Yamamoto, Tsuneo Namba and Kyoichi Kobashi	1025	Hydrolysis of glycyrrhizin to 18β-glycyrrhetyl monoglucuronide by lysosomal β-D-glucuronidase of animal livers
Kenji Tasaka, Mitsunobu Mio, Koshi Fujisawa and Ikuo Aoki	1031	Role of microtubules on Ca^{2+} release from the endoplasmic reticulum and associated histamine release from rat peritoneal mast cells
Marie-Helene Disatnik and Asher Shainberg	1039	Regulation of β-adrenoceptors by thyroid hormone and amiodarone in rat myocardiac cells in culture
Claude Desgranges, Michel Campan, Alain-Pierre Gadeau, Nathalie Guerineau, Patrice Mollard and Gabriel Razaka	1045	Influence of 8-(*N*,*N*-diethylamino)octyl-3,4,5-trimethoxybenzoate (TMB-8) on cell cycle progression and proliferation of cultured arterial smooth muscle cells
Piotr Lassota, Myron R. Melamed and Zbigniew Darzynkiewicz	1055	Release of specific proteins from nuclei of HL-60 and MOLT-4 cells by antitumor drugs having affinity to nucleic acids
Constance J. Glover, Mario R. Tellez, Frank S. Guziec, Jr. and Ronald L. Felsted	1067	Synthesis and characterization of inhibitors of myristoyl-CoA:protein *N*-myristolyltransferase

Short Communications

Aldo D. Mottino, Edgardo E. Guibert and Emilio A. Rodríguez Garay	1075	Effect of spironolactone and phenobarbital administration on bilirubin glucuronidation in hepatic and extrahepatic rat microsomes
Nicola Volpi, Pietro Bianchini and Lorenzo Bolognani	1077	Effects of different glycosaminoglycans on myosin ATPase activity in platelets
Joachim Rehbock and Gert Wunderer	1081	Degradation of Ile-Ser-Bradykinin by enzymes in human serum and ascites
Mary E. Elliott, Heidi M. Jones and Theodore L. Goodfriend	1083	Effects of calmidazolium and other calmodulin antagonists on adrenal glomerulosa cells
Bernard P. Hughes and Gregory J. Barritt	1087	Effects of *N*-ethoxycarbonyl-2-ethoxy-1,2-dihydroquinoline (EEDQ) on agonist-stimulated Ca^{2+} inflow across the hepatocyte plasma membrane
Mark E. Nuttall and Heather M. Wallace	1090	Purification of methylglyoxal bis(guanylhydrazone)-induced spermidine *N*-acetyltransferase from baby hamster kidney cells (BHK-21/C13)
Cornelia Lipperheide, Robert Müller and Klaus Otto	1093	The activation *in vitro* of porcine pancreatic prophospholipase A_2 by lysosomal enzymes
Announcement	1097	
Software Survey Section	I	

15 APRIL 1991

Commentary

James D. Adams, Jr. and Ifeoma N. Odunze — 1099 Biochemical mechanisms of 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine toxicity. Could oxidative stress be involved in the brain?

Research Papers

José M. Lizcano, Dolors Balsa, Keith F. Tipton and Mercedes Unzeta — 1107 The oxidation of dopamine by the semicarbazide-sensitive amine oxidase (SSAO) from rat vas deferens

Andrew W. Harman, Marlene E. Kyle, Ada Serroni and John L. Farber — 1111 The killing of cultured hepatocytes by *N*-acetyl-*p*-benzoquinone imine (NAPQI) as a model of the cytotoxicity of acetaminophen

Jan Hysing, J. O. Gordeladze, Geir Christensen and Helge Tolleshaug — 1119 Renal uptake and degradation of trapped-label calcitonin

Steffen Loft, S. Victoria Otton, Martin S. Lennard, Geoffrey T. Tucker and Henrik E. Poulsen — 1127 Characterization of metronidazole metabolism by human liver microsomes

Mie Kainoh, Ikuro Maruyama, Shintaro Nishio and Teruo Nakadate — 1135 Enhancement by beraprost sodium, a stable analogue of prostacyclin, in thrombomodulin expression on membrane surface of cultured vascular endothelial cells via increase in cyclic AMP level

Julianna Kardos, Ilona Kovács, Edit Simon-Trompler and Ferenc Hajós — 1141 Enantioselectivity at the physiologically active $GABA_A$ receptor

Monika Z. Wrona and Glenn Dryhurst — 1145 Interactions of 5-hydroxytryptamine with oxidative enzymes

Akiko Sato, Keiko Watanabe, Hitoshi Fukuzumi, Kanako Hase, Fumiaki Ishida and Toshio Kamei — 1163 Effect of simvastatin (MK-733) on plasma triacylglycerol levels in rats

Diana A. Bates and Jason H. T. Bates — 1173 Temperature dependence of melphalan efflux kinetics in Chinese hamster ovary cells

Kathryn G. Moorhouse, Peter F. Dodds and David H. Hutson — 1179 Xenobiotic triacylglycerol formation in isolated hepatocytes

Shizuo Narimatsu, Kazuhito Watanabe, Ikuo Yamamoto and Hidetoshi Yoshimura — 1187 Sex difference in the oxidative metabolism of Δ^9-tetrahydrocannabinol in the rat

J. Utz and V. Ullrich — 1195 Carbon monoxide relaxes ileal smooth muscle through activation of guanylate cyclase

W. C. Mennes, C. W. M. van Holsteijn, A. Timmerman, J. Noordhoek and B. J. Blaauboer — 1203 Biotransformation of scoparone used to monitor changes in cytochrome P450 activities in primary hepatocyte cultures derived from rats, hamsters and monkeys

Victor I. C. Oreffo, Robert A. John and Roy J. Richards — 1209 Diamine uptake by rat lung type II cells *in vitro*

Paul Ince, Kathryn Elliott, David R. Appleton, Moganaden Moorghen, Karen J. Finney, James P. Sunter, Adrian L. Harris and Alexander J. Watson — 1217 Modulation by verapamil of vincristine pharmacokinetics and sensitivity to metaphase arrest of the normal rat colon in organ culture

MOHAMMAD R. PANJEHSHAHIN, CHRISTOPHER J. BOWMER and MICHAEL S. YATES 1227 Effect of valproic acid, its unsaturated metabolites and some structurally related fatty acids on the binding of warfarin and dansylsarcosine to human albumin

H. M. THOMPSON, M. I. MACKNESS, C. H. WALKER and A. R. HARDY 1235 Species differences in avian serum B esterases revealed by chromatofocusing and possible relationships of esterase activity to pesticide toxicity

ROBERT W. BYRNES and DAVID H. PETERING 1241 Inhibition of bleomycin-induced cellular DNA strand scission by 1,10-phenanthroline

S. JOHN GATLEY 1249 Activities of the enantiomers of cocaine and some related compounds as substrates and inhibitors of plasma butyrylcholinesterase

Short Communications

ALFONSO POMPELLA, ANDREA ROMANI, ANGELO BENEDETTI and MARIO COMPORTI 1255 Loss of membrane protein thiols and lipid peroxidation in allyl alcohol hepatotoxicity

SATOSHI NAGAOKA, HIDEKI KAMURO, HIROAKI ODA and AKIRA YOSHIDA 1259 Effects of polychlorinated biphenyls on cholesterol and ascorbic acid metabolism in primary cultured rat hepatocytes

ATSUO GOTO, KAORU YAMADA, MASAO ISHII, TSUNEAKI SUGIMOTO and MASANORI YOSHIOKA 1261 Immunoreactivity of endogenous digitalis-like factors

SHARIF M. MANSOR, STEPHEN A. WARD and GEOFFREY EDWARDS 1264 The effect of malaria infection on antipyrine metabolite formation in the rat

1 MAY 1991

Rapid Communication

JAMES W. HARRIS and M. W. ANDERS R13 *In vivo* metabolism of the hydrochlorofluorocarbon 1,1-dichloro-1-fluoroethane (HCFC-141b)

Commentary

JONATHAN M. BACKER and GEORGE L. KING 1267 Regulation of receptor-mediated endocytosis by phorbol esters

Research Papers

SALVATORE AMOROSO, GIANFRANCO DI RENZO, MAURIZIO TAGLIALATELA, LORELLA M. T. CANZONIERO, EDWARD J. CRAGOE JR and LUCIO ANNUNZIATO 1279 Cytoplasmic alkalinization induced by insulin through an activation of Na^+–H^+ antiporter inhibits tyrosine hydroxylase activity in striatal synaptosomes

LOUISE M. NUTTER, ANN-LII CHENG, HSIAO-LING HUNG, RUEY-KUN HSIEH, EMILY O. NGO and TSANG-WU LIU 1283 Menadione: spectrum of anticancer activity and effects on nucleotide metabolism in human neoplastic cell lines

ANDREW SUNTERS, JOHN BAER and KENNETH D. BAGSHAWE 1293 Cytotoxicity and activation of CB1954 in a human tumour cell line

NISAR A. PAMPORI, ARUN K. AGRAWAL, DAVID J. WAXMAN and BERNARD H. SHAPIRO 1299 Differential effects of neonatally administered glutamate on the ultradian pattern of circulating growth hormone regulating expression of sex-dependent forms of cytochrome P450

VIJAYALAKSHMI RAVINDRANATH and MICHAEL R. BOYD 1311 Effect of modulators of glutathione synthesis on the hepatotoxicity of 2-methylfuran

NICHOLAS E. PREECE, JEREMY K. NICHOLSON and JOHN A. TIMBRELL 1319 Identification of novel hydrazine metabolites by ^{15}N-NMR

STYLIANI H. VINCENT, REGINA W. WANG, BINDHU V. KARANAM, MICHAEL KLIMKO, RAUL ALVARO and SHUET-HING LEE CHIU — 1325 Effects of the immunosuppressant FK-506 and its analog FK-520 on hepatic and renal cytochrome P450 mixed-function oxidase

RAOUL CARUBELLI, STEVEN A. GRAHAM, PAUL B. MCCAY and FRED K. FRIEDMAN — 1331 Prevention of 2-acetylaminofluorene-induced loss of nuclear envelope cytochrome P450 by the simultaneous administration of 3-methylcholanthrene

RANDAL A. SKIDGEL, HERBERT L. JACKMAN and ERVIN G. ERDÖS — 1335 Metabolism of substance P and bradykinin by human neutrophils

O. RAATIKAINEN, R. A. KAUPPINEN, H. KOMULAINEN, H. TAIPALE, T. PIRTTILÄ and J. TUOMISTO — 1345 Polyene antibiotics increase the ionic permeability of synaptosomal plasma membranes

RAYMOND S. MARSHALL, MALCOLM C. PATERSON and A. MICHAEL RAUTH — 1351 Studies on the mechanism of resistance to mitomycin C and porfiromycin in a human cell strain derived from a cancer-prone individual

JOHN B. LLOYD, HAZEL CABLE and CATHERINE RICE-EVANS — 1361 Evidence that desferrioxamine cannot enter cells by passive diffusion

CAROL A. ROUZER, DENIS RIENDEAU, JEAN-PIERRE FALGUEYRET, CHEUK K. LAU and MICHAEL J. GRESSER — 1365 Inhibition of human leukocyte 5-lipoxygenase by a 4-hydroxybenzofuran, L-656,224. Evidence for enzyme reduction and inhibitor degradation

SIMON COLLIER and PETER GHOSH — 1375 Comparison of the effects of non-steroidal anti-inflammatory drugs (NSAIDs) on proteoglycan synthesis by articular cartilage explant and chondrocyte monolayer cultures

MICHAEL D. TAYLOR, MARIA L. DE CEBALLOS, PETER JENNER and C. DAVID MARSDEN — 1385 Acute effects of D$_2$i and D-2 dopamine receptor agonist and antagonist drugs on basal ganglia [Met^5]- and [Leu^5]-enkephalin and neurotensin content in the rat

Short Communications

AHMED KAMAL, ADARI B. RAO and MADDAMSETTY V. RAO — 1393 Stereoselective metabolism of 3-isopropyl-5-(1-naphthoxymethyl)oxazolidine, a prodrug of propranolol

DIANE LACE, PETER GACESA and ANTHONY H. OLAVESEN — 1395 The fate of intravenously administered biotin-labelled hyaluronidase in the rat

15 MAY 1991

Rapid Communication

TERRENCE R. BURKE, JR., ZHEN-HONG LI, JOSEPH B. BOLEN, MRUNAL CHAPEKAR, YU GANG, ROBERT I. GLAZER, KENNER C. RICE and VICTOR E. MARQUEZ — R17 Examination of the possible mediation of antineoplastic effects of opiates through the inhibition of tyrosine-specific protein kinases

Commentary

KENNETH A. JACOBSON, BHARAT K. TRIVEDI, PAUL C. CHURCHILL and MICHAEL WILLIAMS — 1399 Novel therapeutics acting via purine receptors

Research Papers

L. KRAUS-BERTHIER, G. FERRY, V. COMBE-PEREZ, M. VISALLI, G. REMOND, M. VINCENT and J. A. BOUTIN — 1411 Approaches to some biochemical mechanisms of action of tuftsin and analogues

SYLVIE PONCHAUT, JEAN PIERRE DRAYE, KEITH VEITCH and FRANCOIS VAN HOOF — 1419 Influence of chronic administration of valproate on ultrastructure and enzyme content of peroxisomes in rat liver and kidney. Oxidation of valproate by liver peroxisomes

GLENN S. BALDEW, JOHANNES G. J. MOL, FRANS J. J. DE KANTER, BEN VAN BAAR, JEROEN J. M. DE GOEIJ and NICO P. E. VERMEULEN — 1429 The mechanism of interaction between cisplatin and selenite

WU SONG, WILLIAM M. PIERCE, JR., RUSSELL A. PROUGH and RICHARD N. REDINGER — 1439 Characteristics of cholesterol 7α-hydroxylase and 7α-hydroxycholesterol hydroxylase activities of rodent liver

BREDA M. TWOMEY, KARINA CLAY and M. MAUREEN DALE — 1449 The protein kinase C inhibitor, K252a, inhibits superoxide production in human neutrophils activated by both PIP_2-dependent and -independent mechanisms

AVNER RAMU, NILI RAMU and LUIS M. ROSARIO — 1455 Circumvention of multidrug-resistance in P388 cells is associated with a rise in the cellular content of phosphatidylcholine

H. GINSBURG and W. D. STEIN — 1463 Kinetic modelling of chloroquine uptake by malaria-infected erythrocytes. Assessment of the factors that may determine drug resistance

RACHNA BHATNAGAR, HUSSEIN ABOU-ISSA, ROBERT W. CURLEY, JR., ANTOINETTE KOOLEMANS-BEYNEN, MELVIN L. MOESCHBERGER and THOMAS E. WEBB — 1471 Growth suppression of human breast carcinoma cells in culture by *N*-(4-hydroxyphenyl)retinamide and its glucuronide and through synergism with glucarate

RAFAEL MORENO-SÁNCHEZ, BARBARA A. HOGUE, CONCEPCIÓN BRAVO, AMY H. NEWMAN, ANTHONY S. BASILE and PETER K. CHIANG — 1479 Inhibition of substrate oxidation in mitochondria by the peripheral-type benzodiazepine receptor ligand AHN 086

ANTHONY J. KETTLE and CHRISTINE C. WINTERBOURN — 1485 Mechanism of inhibition of myeloperoxidase by anti-inflammatory drugs

PER SJÖBERG, BÖRJE EGESTAD, EVA KLASSON-WEHLER and JAN GUSTAFSSON — 1493 Glucuronidation of mono(2-ethylhexyl)phthalate. Some enzyme characteristics and inhibition by bilirubin

ANGELO MORETTO, EUGENIO CAPODICASA, MAJA PERAICA and MARCELLO LOTTI — 1497 Age sensitivity to organophosphate-induced delayed polyneuropathy. Biochemical and toxicological studies in developing chicks

VALERIE M. MORRISON, ALAN K. BURNETT and JOHN A. CRAFT — 1505 Metabolism of 7,12-dimethylbenz[*a*]anthracene in hepatic microsomal membranes from rats treated with isoenzyme-selective inducers of cytochromes P450

FRANZ J. ROOS, THOMAS ZYSSET and JÜRG REICHEN — 1513 Differential effect of biliary and micronodular cirrhosis on oxidative drug metabolism. *In vivo–in vitro* correlations of dextromethorphan metabolism in rat models

SIGNE ALEXANDRA BARTH, GERHARD INSELMANN, RAINER ENGEMANN and HUGO THADDÄUS HEIDEMANN — 1521 Influences of *Ginkgo biloba* on cyclosporin A induced lipid peroxidation in human liver microsomes in comparison to vitamin E, glutathione and *N*-acetylcysteine

Short Communications

KSHAMA KUMARI, SHAHID UMAR, VEENA BANSAL and M. K. SAHIB — 1527 Monoaminoguanidine inhibits aldose reductase

HAZEL M. SCOTT, MICHAEL W. H. COUGHTRIE and ANN BURCHELL — 1529 Steroid sulphates inhibit the rat hepatic microsomal glucose-6-phosphatase system

MASATAKA YOSHINO, CHIKASHI YAMAMOTO, KEIKO MURAKAMI, YOSHINAO KATSUMATA and SHIGEO MORI — 1532 Effect of Ca^{2+}-entry blocker on the stimulation of aerobic metabolism in rats acclimatized to high altitude hypoxia

LINDA LIU, YESHAYAHU KATZ, RONIT WEIZMAN, BENO ROSENBERG, GAVRIL W. PASTERNAK and MOSHE GAVISH — 1534 — Interactions of chloroquine with benzodiazepine, γ-aminobutyric acid and opiate receptors

H. SAFAYHI, T. MACK and H. P. T. AMMON — 1536 — Protection by boswellic acids against galactosamine/endotoxin-induced hepatitis in mice

Announcements — 1539

Software Survey Section — I

1 JUNE 1991

Commentary

DAPHNE ATLAS — 1541 — Clonidine-displacing substance (CDS) and its putative imidazoline receptor. New leads for further divergence of α_2-adrenergic receptor activity

Research Papers

TAIZO HIJIOKA NOBUHIRO SATO, TAKAKATSU MATSUMURA, HARUMASA YOSHIHARA, YOSHIYUKI TAKEI, HIROYUKI FUKUI, MASAHIDE OSHITA, SUNAO KAWANO and TAKENOBU KAMADA — 1551 — Ethanol-induced disturbance of hepatic microcirculation and hepatic hypoxia

GEOFFREY MORRIS, JEHANGIR S. MISTRY, JITESH P. JANI, SAID M. SEBTI and JOHN S. LAZO — 1559 — Cysteine proteinase inhibitors and bleomycin-sensitive and -resistant cells

STEVEN B. ABRAMSON, JOANNA LESZCZYNSKA-PIZIAK, KATHLEEN HAINES and JOAN REIBMAN — 1567 — Non-steroidal anti-inflammatory drugs: effects on a GTP binding protein within the neutrophil plasma membrane

HERNAN SPEISKY, BRUCE K. CASSELS, EDUARDO A. LISSI and LUIS A. VIDELA — 1575 — Antioxidant properties of the alkaloid boldine in systems undergoing lipid peroxidation and enzyme inactivation

RONALD LINDAHL and DENNIS R. PETERSEN — 1583 — Lipid aldehyde oxidation as a physiological role for Class 3 aldehyde dehydrogenases

CATHERINE A. FENERTY and W. EDWARD LINDUP — 1589 — Effect of β-carboline derivatives on the binding of L-tryptophan and diazepam to bovine and human albumin

EDMUND MASER and KARL J. NETTER — 1595 — Reductive metabolism of metyrapone by a quercitrin-sensitive ketone reductase in mouse liver cytosol

ANNE-MARIE KISSMEYER and LISE BINDERUP — 1601 — Calcipotriol (MC 903): pharmacokinetics in rats and biological activities of metabolites. A comparative study with $1,25(OH)_2D_3$

SASCHA FLOHÉ, PETER C. HEINRICH, JOHANNES SCHNEIDER, ALBRECHT WENDEL and LEOPOLD FLOHÉ — 1607 — Time course of IL-6 and TNFα release during endotoxin-induced endotoxin tolerance in rats

JOHN G. NIEDZWICKI and DARRELL R. ABERNETHY — 1615 — Structure–activity relationship of ligands of human plasma adenosine deaminase$_2$

DAVID E. MOODY, KAREN A. MONTGOMERY, MOHAMED B. A. ASHOUR and BRUCE D. HAMMOCK — 1625 — Effects of environmentally encountered epoxides on mouse liver epoxide-metabolizing enzymes

P. CHATELAIN and R. BRASSEUR — 1639 — A conformational analysis study of the interaction of amiodarone and cholesterol with lysophosphatidylcholine

M. V. M. LAFLEUR, E. J. WESTMIJZE, O. J. VISSER, N. WAGENAAR, R. SOETEKOUW, H. LOMAN and J. RETÈL — 1649 — Interaction of RSU 1069 and 1137 with DNA *in vitro*. Biological implications and mechanistic aspects

E. JACQZ-AIGRAIN, M. GUEGUEN, U. M. ZANGER, I. ROBIEUX and F. ALVAREZ 1657 Cytochrome P450IID subfamily in non-human primates. Catalytical and immunological characterization

JAN H. T. M. PLOEMEN, BEN VAN OMMEN and PETER J. VAN BLADEREN 1665 Irreversible inhibition of human glutathione *S*-transferase isoenzymes by tetrachloro-1,4-benzoquinone and its glutathione conjugate

R. M. LINDSAY, W. R. FOX, J. D. BATY and R. G. WILLIS 1671 *In vitro* studies on the deacetylation–reacetylation of arylamides and the transacetylation of arylamines by human and rat whole blood

KENJI HASHIMOTO and TSUYOSHI GOROMARU 1679 High-affinity [^{3}H]6-nitroquipazine binding to the 5-hydroxytryptamine transport system in rat lung

STEVEN R. MYERS and JAMES W. FLESHER 1683 Bioalkylation of benz[*a*]anthracene, 7-methylbenz[*a*]anthracene, and 12-methylbenz[*a*]anthracene in rat lung cytosol preparations

MAX T. BAKER, MARIA T. VASQUEZ and CHAO-KUO CHIANG 1691 Evidence for the stability and cytochrome P450 specificity of the phenobarbital-induced reductive halothane–cytochrome P450 complex formed in rat hepatic microsomes

MARVIN J. TURNER III, CHARLES E. FIELDS and DAVID B. EVERMAN 1701 Evidence for superoxide formation during hepatic metabolism of tamoxifen

SHARIF M. MANSOR, GEOFFREY EDWARDS, PHILLIP J. ROBERTS and STEPHEN A. WARD 1707 The effect of malaria infection on paracetamol disposition in the rat

PAUL S. WRIGHT, TIMOTHY L. BYERS, DOREEN E. CROSS-DOERSEN, PETER P. MCCANN and ALAN J. BITONTI 1713 Irreversible inhibition of *S*-adenosylmethionine decarboxylase in *Plasmodium falciparum*-infected erythrocytes: growth inhibition *in vitro*

PRAFULLA RAVAL, PATRICK L. IVERSEN and EDWARD BRESNICK 1719 Induction of cytochromes P450IA1 and P450IA2 as determined by solution hybridization

YASUHIRO HAYASHI, SATOMI HIRAI, MANABU NEGISHI, TADAYOSHI OKUMURA and ATSUSHI ICHIKAWA 1725 Desensitization by glycyrrhetinic acid of other stimulatory substance-induced increases in intracellular calcium in a variety of cell types

EIMEAR M. O'BRIEN, KEITH F. TIPTON, MARGHERITA STROLIN BENEDETTI, ALBERTO BONSIGNORI, PIETRO MARRARI and PHILIPPE DOSTERT 1731 Is the oxidation of milacemide by monoamine oxidase a major factor in its anticonvulsant actions?

ANNA V. DELIGANIS, PAMELA A. PIERCE and STEPHEN J. PEROUTKA 1739 Differential interactions of dimethyltryptamine (DMT) with 5-HT_{1A} and 5-HT_2 receptors

HONG LUO and DARRELL D. FANESTIL 1745 Inhibition of binding of [^{3}H]metolazone to rat kidney membrane by stilbene disulfonates

DIETER SCHRENK, IRIS EISENMANN-TAPPE, ROLF GEBHARDT, DORIS MAYER, MOHAMED EL MOUELHI, ELKE RÖHRDANZ, PETER MÜNZEL and KARL WALTER BOCK 1751 Drug metabolizing enzyme activities in rat liver epithelial cell lines, hepatocytes and bile duct cells

PIERRE-OLIVIER PLASMAN, PHILIPPE LEBRUN, EDWARD J. CRAGOE JR and ANDRE HERCHUELZ 1759 Inhibition of Na/Ca exchange in pancreatic islet cells by 3′,4′-dichlorobenzamil

Short Communications

KONSTANTIN GRANCHAROV, JORDANKA MLADENOVA and EVGENY GOLOVINSKY 1769 Inhibition of uridine phosphorylase by some pyrimidine derivatives

HANS J. SCHÖN, KARL KREMSER, CHRISTIANE PRAGER and ROBERT KRAMAR 1773 Enhancement of NAD-linked isocitrate dehydrogenase activity in rat liver by clofibrate feeding

KATHLEEN M. KNIGHTS, TINA F. ADDINALL and BENJAMIN J. ROBERTS 1775 Enhanced chiral inversion of *R*-ibuprofen in liver from rats treated with clofibric acid

FERAYDOON NIROOMAND, ALEXANDER MÜLSCH and EYCKE BÖHME 1777 Thiol-independent stimulation of soluble guanylate cyclase by NO-containing compounds

Announcement 1781

15 JUNE 1991

Rapid Communication

RAM GANAPATHI, NARAYANA KAMATH, ANDREAS CONSTANTINOU, DALE GRABOWSKI, JEANNE FORD and AUSTIN ANDERSON R21 Effect of the calmodulin inhibitor trifluoperazine on phosphorylation of P-glycoprotein and topoisomerase II: relationship to modulation of subcellular distribution, DNA damage and cytotoxicity of doxorubicin in multidrug resistant L1210 mouse leukemia cells

Commentary

PATRIK RORSMAN, FRANCES M. ASHCROFT and PER-OLOF BERGGREN 1783 Regulation of glucagon release from pancreatic A-cells

Research Papers

A. BZOWSKA, E. KULIKOWSKA, D. SHUGAR, CHEN BING-YI, B. LINDBORG and N. G. JOHANSSON 1791 Acyclonucleoside analogue inhibitors of mammalian purine nucleoside phosphorylase

BERNHARD BRÜNE, BRIGITTE DIEWALD and VOLKER ULLRICH 1805 Ebselen affects calcium homeostasis in human platelets

CHANTAL GLEIZES, CLAUDINE EECKHOUTTE, THIERRY PINEAU, MICHEL ALVINERIE and PIERRE GALTIER 1813 Inducing effect of oxfendazole on cytochrome P450IA2 in rabbit liver. Consequences on cytochrome P450 dependent monooxygenases

ERIK DE CLERCQ, JUNICHI MURASE and VICTOR E. MARQUEZ 1821 Broad-spectrum antiviral and cytocidal activity of cyclopentenylcytosine, a carbocyclic nucleoside targeted at CTP synthetase

MARISABEL MOURELLE, DENISE BEALES and ANDRE E. M. MCLEAN 1831 Prevention of paracetamol-induced liver injury by fructose

MARY C. O'SULLIVAN, BERNARD T. GOLDING, LEWIS L. SMITH and IAN WYATT 1839 Molecular features necessary for the uptake of diamines and related compounds by the polyamine receptor of rat lung slices

JEFFREY CUMMINGS, NEVILLE WILLMOTT, ELAINE MARLEY and JOHN SMYTH 1849 Covalent coupling of doxorubicin in protein microspheres is a major determinant of tumour drug disposition

PAUL S. WRIGHT, DOREEN E. CROSS-DOERSEN, KENDRA K. SCHROEDER, TERRY L. BOWLIN, PETER P. MCCANN and ALAN J. BITONTI 1855 Disruption of *Plasmodium falciparum*-infected erythrocyte cytoadherence to human melanoma cells with inhibitors of glycoprotein processing

ANGELIKA BOERSCH, BRIAN A. CALLINGHAM, FRED LEMBECK and DENNIS F. SHARMAN 1863 Enzymic oxidation of capsaicin

MARY C. ANDERSON, PETER C. WALDMEIER and KEITH F. TIPTON 1871 The inhibition of monoamine oxidase by brofaromine

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DENNIS MACKAY, MOHAMMAD R. PANJEHSHAHIN and CHRISTOPHER J. BOWMER 2011 Analysis of the binding of fluorescent ligands to soluble proteins. Use of simultaneous non-linear least squares regression to obtain estimates of binding parameters

SUSAN DEAM and GEORGE H. ELDER 2019 Uroporphyria produced in mice by iron and 5-amino-levulinic acid

DAVID TOORCHEN and RICHARD L. MILLER 2023 Purification and characterization of 5′-deoxy-5′-methylthioadenosine (MTA) phosphorylase from human liver

JAMES W. DARNOWSKI, ROBERT E. HANDSCHUMACHER, ROSEMARY A. WIEGAND, FREDERICK A. GOULETTE and PAUL CALABRESI 2031 Tissue-specific expansion of uridine pools in mice. Effects of benzylacyclouridine, dipyridamole and exogenous uridine

Short Communications

SOIZIC JULLIEN, ELISABETTA CAPUOZZO, COSTANTINO SALERNO and CARLO CRIFÒ 2037 Effects of polyene antibiotics on the activation of human polymorphonuclear leukocytes

RAYMOND G. BOOTH, ROSS J. BALDESSARINI and ALEXANDER CAMPBELL 2040 Inhibition of dopamine synthesis in rat striatal minces: evidence of dopamine autoreceptor supersensitivity to *S*(+)- but not *R*(−)-*N*-*n*-propylnorapomorphine after pretreatment with fluphenazine

GERTRUD PUU, MONA KOCH and ELISABET ARTURSSON 2043 Ketamine enantiomers and acetylcholinesterase

M. P. HARRISON, D. V. JONES, R. J. PICKFORD and I. D. WILSON 2045 β-Hydroxybutyrate: a urinary marker of imipenem induced nephrotoxicity in the cynomolgus monkey detected by high field ^{1}H NMR spectroscopy

Software Survey Section I